



BOSCH
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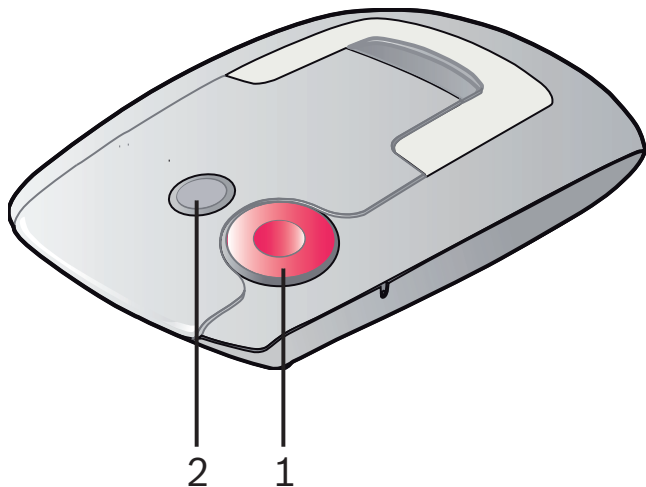
Carephone 61



- **Compatible with analog, IP and GSM telephony**
- **Fast and easy programming with a microSD card**
- **Contemporary design**
- **DTMF-free protocol**

The Carephone 61 offers multiple innovations that will help you manage your social alarm service easily, efficiently and economically. It offers the possibility to communicate through IP or GSM telephony, in addition to analog landline telephony. A “plug and play” programming function is now available with a microSD port.

System Overview



1. Red emergency call button
2. Grey S button

Functions

Multi-purpose buttons

In case of an emergency, the Carephone 61 sends an alarm via the telephone network, either to a monitoring center or to another person's telephone.

The emergency call is triggered by pressing the red button on the Carephone 61, or on the button of the wireless transmitter that is delivered with the device.

The grey S button is a multi-purpose trigger: pressing it cancels an emergency call, but it can also be configured to be used as a service button, a direct call button. When the Carephone 61 is in standby, pressing the grey S button announces the unit status.

Multiple protocols

The Carephone 61 is capable of multiple protocols and therefore compatible with most social alarm monitoring tools available on the market.

In addition, the Carephone 61 can be used alternatively with analog or VoIP connections.

Multiple programming possibilities

The Carephone 61 can be programmed in multiple ways:

- directly on the unit with the integrated keyboard
- locally with a microSD card
- remotely from a monitoring center
- with a configuration manager that can program and read a microSD card.

Using a microSD card to update settings on the Carephone 61 allows a genuine “plug and play” programming of the unit, sparing installers time and complication.

Certifications and Approvals

Region	Certification
Europe	CE
	CE (R&TTE 1999/5/EC, LVD 73/23/EEC, EMC 89/336/EEC)
	EN50134-2
	EN50134-3
	EN301489-1 v1.8.1
	EN301489-3 v1.4.1
	EN 300220-2 V2.1.2
	EN60950-1
	EN50371
	EN50130-4
	EN55022

HF parameters in line with EN 50134-3/5.6:

Conducted sensitivity	typ. -115 dBm
Field sensitivity	< 28 dBμV/m
Co-channel rejection	> -8 dB
Adjacent channel selectivity	> 60 dB
Spurious response, mirror selectivity	> 60 dB
Intermodulation response rejection	> 65 dB
Blocking	> 84 dB

Parts Included

Quantity	Component
1	Carephone 61 including rechargeable battery
1	Wireless transmitter including battery, bracelet, and pendant or Carewatch
1	Power adapter
1	Phone or network cable
1	Quick user guide
1	Quick programming guide
1	User manual

Technical Specifications

Dimensions (H x W x D)	55 x 160 x 230 mm
Weight	approx. 0.7 kg
Permissible temperature (environment/storage)	+5 °C to +40 °C / -20 °C to +60 °C
Relative humidity	85%
Switched-mode power supply	Adapter 230 V primary, 7.5 V secondary
Battery backup	4.8 V NiMH battery, 1.6 Ah, up to 120 hours in standby
Current consumption	approx. 95 mA in standby, power supply approx. 12 mA in standby, battery operation
Phone line connection	PSTN
Dial mode	Tone dial
Radio receiver	Class 1
Frequency	869.2125 MHz
Environmental class	Class 1
Protection class	IP32 (IP30 wall mounting) IP67 (wireless transmitter)
Max. number of wireless transmitters and detectors	10
Programmable call numbers	10 call numbers, up to 22 digits and freely assignable to any type of trigger group.
Voice message	Recordable
Volume settings	8 levels
Emergency call protocols	Multi-protocol enabled (RB2000E, ANT, CPC, BS8521, TTnew and optionally RBIP)
Programming possibilities	- integrated keyboard - microSD card (2 GB maximum capacity, Sandisk or Kingston) - remote programming (monitoring centre) - configuration manager Programming is protected by PIN code.
Available languages	German, Dutch, French, English, Spanish, and tone only
User guidance	Voice output and LED indication
Accessibility	Synthetic speech disabled mode
Inputs and outputs	1 input and 1 relay output (max. 30 VDC) microSD port Serial connection IP connection (optional) External loudspeaker and microphone GSM Gateway (optional)

Ordering Information

Carephone 61 for the Netherlands with Tx Transmitter	CRS-H61NL-Tx
Carephone 61 for Belgium with Tx Transmitter	CRS-H61BE-Tx
Accessories	
HTS6x Plug-in IP Module	CRS-HT6x-IPM
Configuration Manager	CRS-HTS-CM
Wall mounting bracket Set of 10 pieces	ISA-H5X-WB
Top Cover for the Carephone 61, with 2 colors	CRS-H61TC-C2
Power supply for Continental Europe.	CRS-HT6X-PSEU
Telephone Cable RJ12 to RJ12	7.772.600.448
Rechargeable Battery HTS6X 4.8V 1.6Ah NiMH AA	CRS-HT6X-BP4
Extension Cable RJ45 to RJ45	ISA-5X-IORJ45
Telephone Adapter for the Netherlands.	CRS-HT6X-TANL
Telephone Adapter for Belgium.	CRS-HT6X-TABE
User Manual Dutch	CRS-H61M-NL
User Manual French	CRS-H61M-FR

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6258 5511
Fax: +65 6571 2698
apr.securitysystems@bosch.com
www.boschsecurity.asia

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